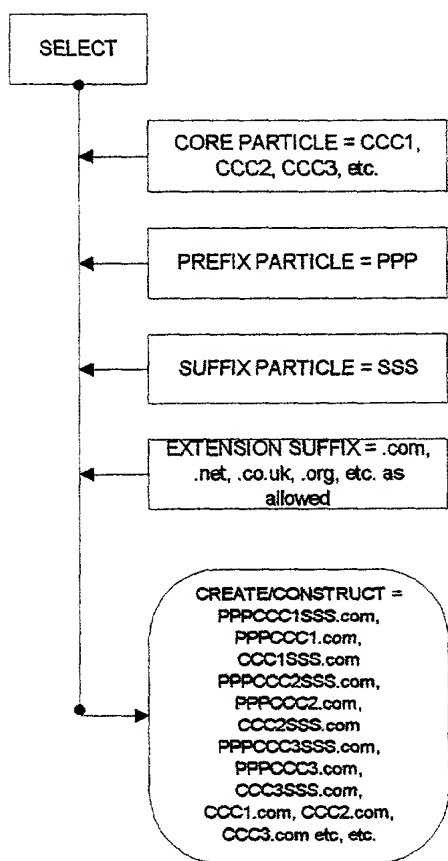


**Figure 1**

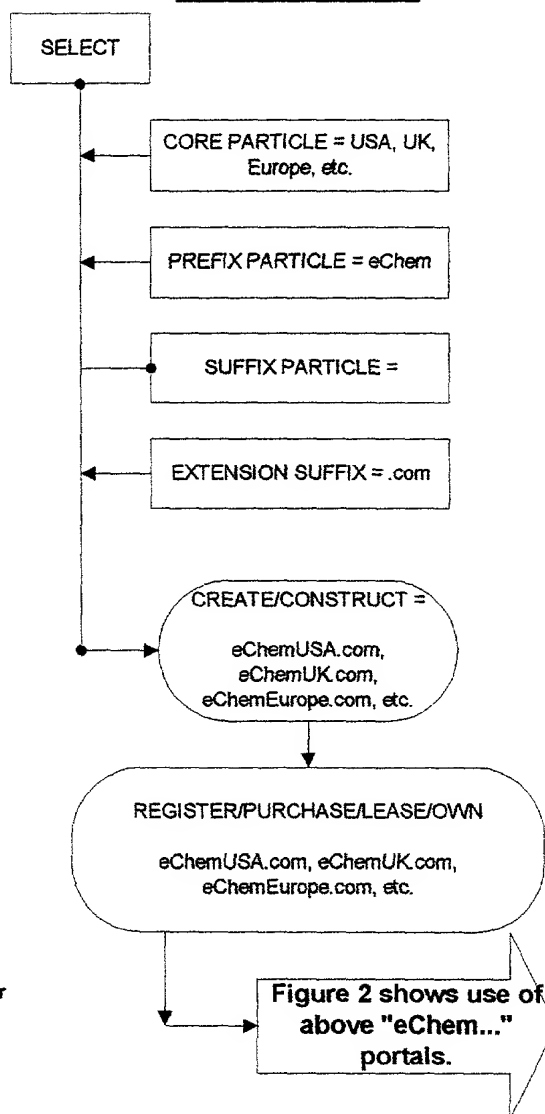
**System/Method/technique/process used  
for structuring and  
composing portal entities for the system**

General Example for  
creating portal entities to  
be used in any system



Note: This applies generally but above, optionally, just as CCC is shown to be variable, PPP, SSS, can be variable. PPP, CCC, SSS can be any combination of variable strings or alphanumerics or alpha or numeric labels/strings/numbers .

In practice as used to create and  
obtain "eChem..." portals to be  
used in the eChemXS or  
XSeChem system



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Figure 2

EXAMPLE of PORTAL & some of the functions

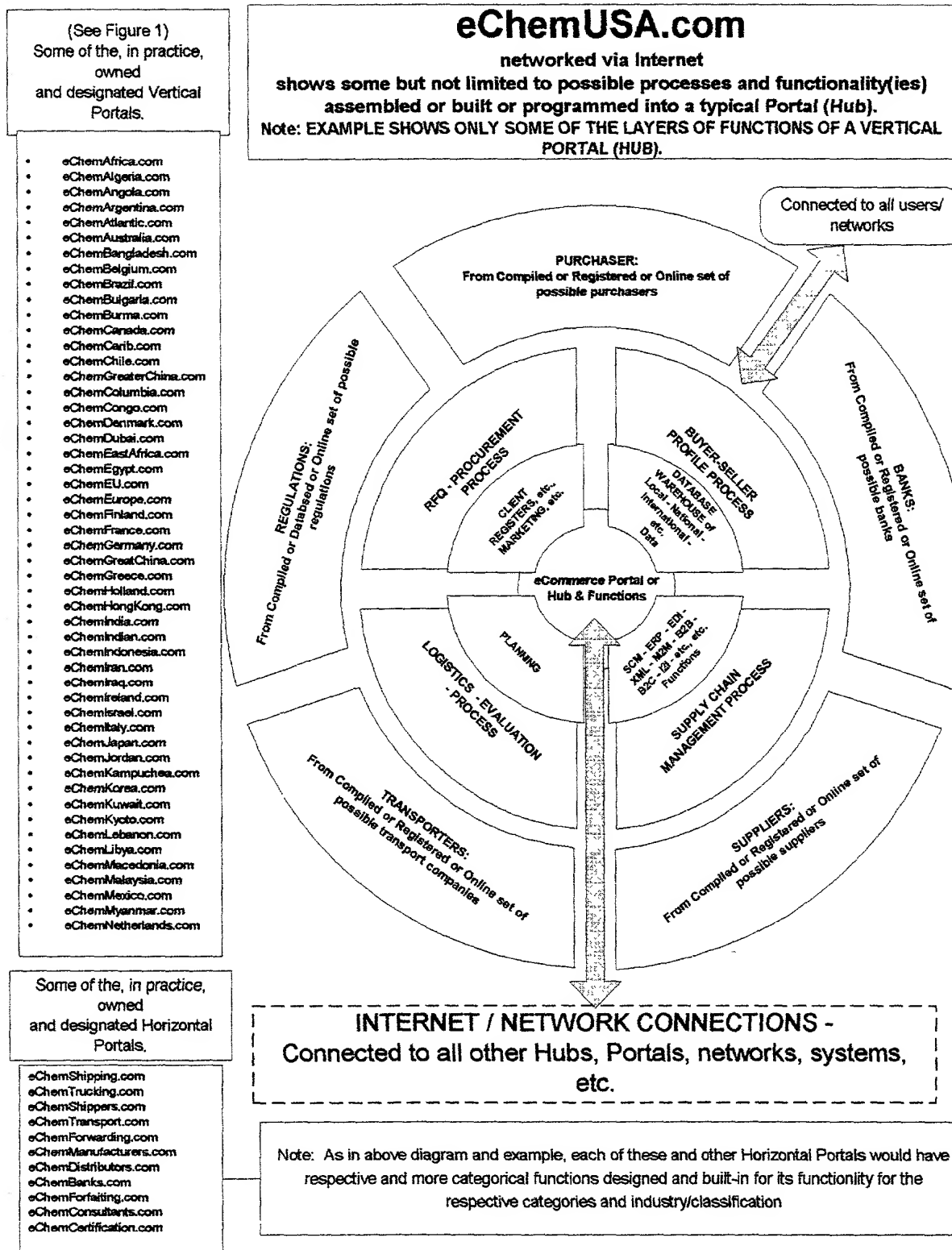
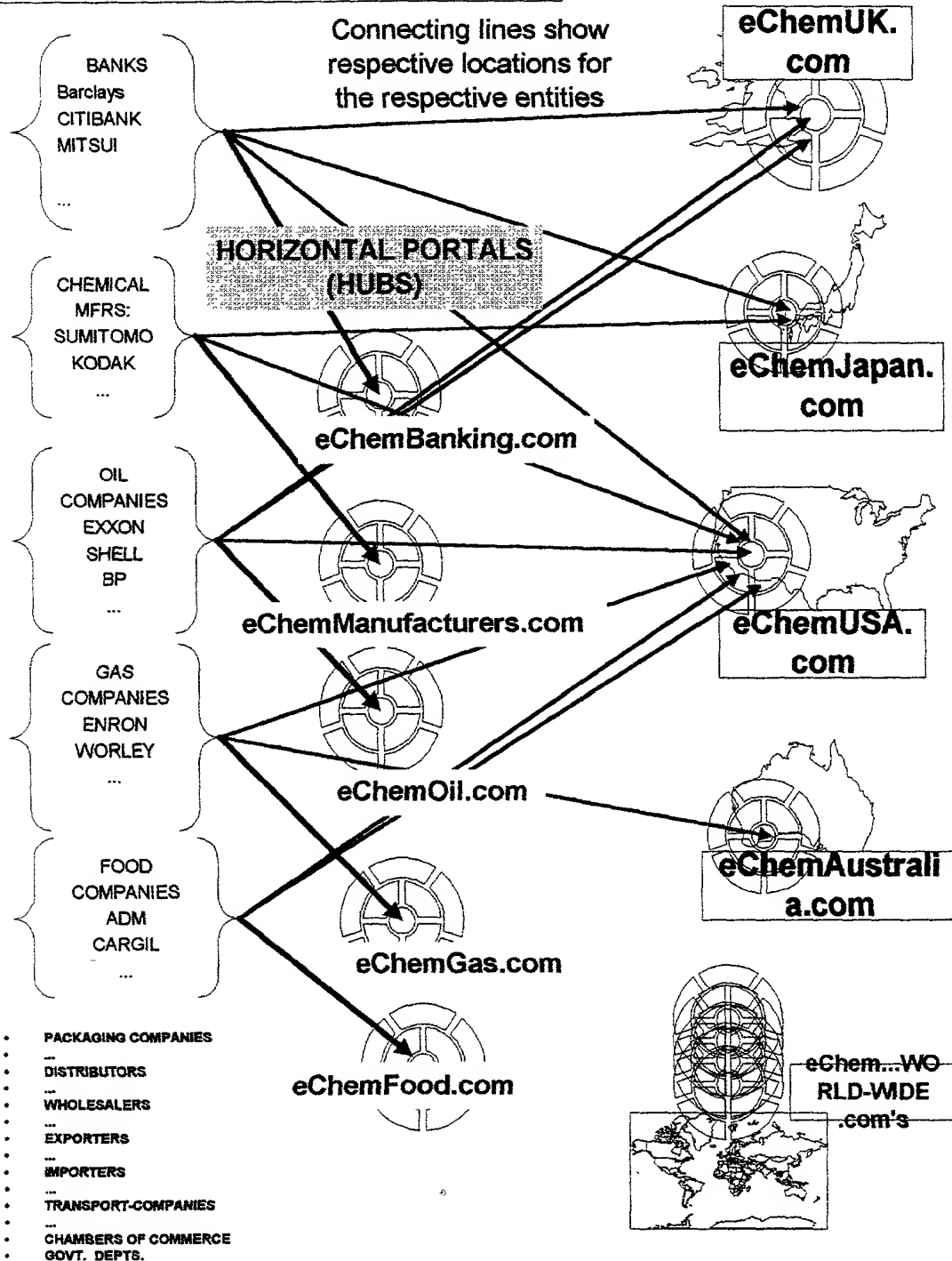




Figure 4a

GLOBAL HORIZONTAL PORTALS SHOWING MANUFACTURING/  
DISTRIBUTING/TRANSPORTING/BANKING/BUYERS/SELLERS, etc. .  
.. AS USERS/PARTICIPANTS OF THE HORIZONTAL PORTALS AND  
CONCURRENT IMPLEMENTATIONS WITHIN VERTICAL PORTALS

# VERTICAL PORTALS (HUBS)



**Figure 4b**

Shows how entities in Vertical Portals are optionally tied to/in Horizontal Portals.

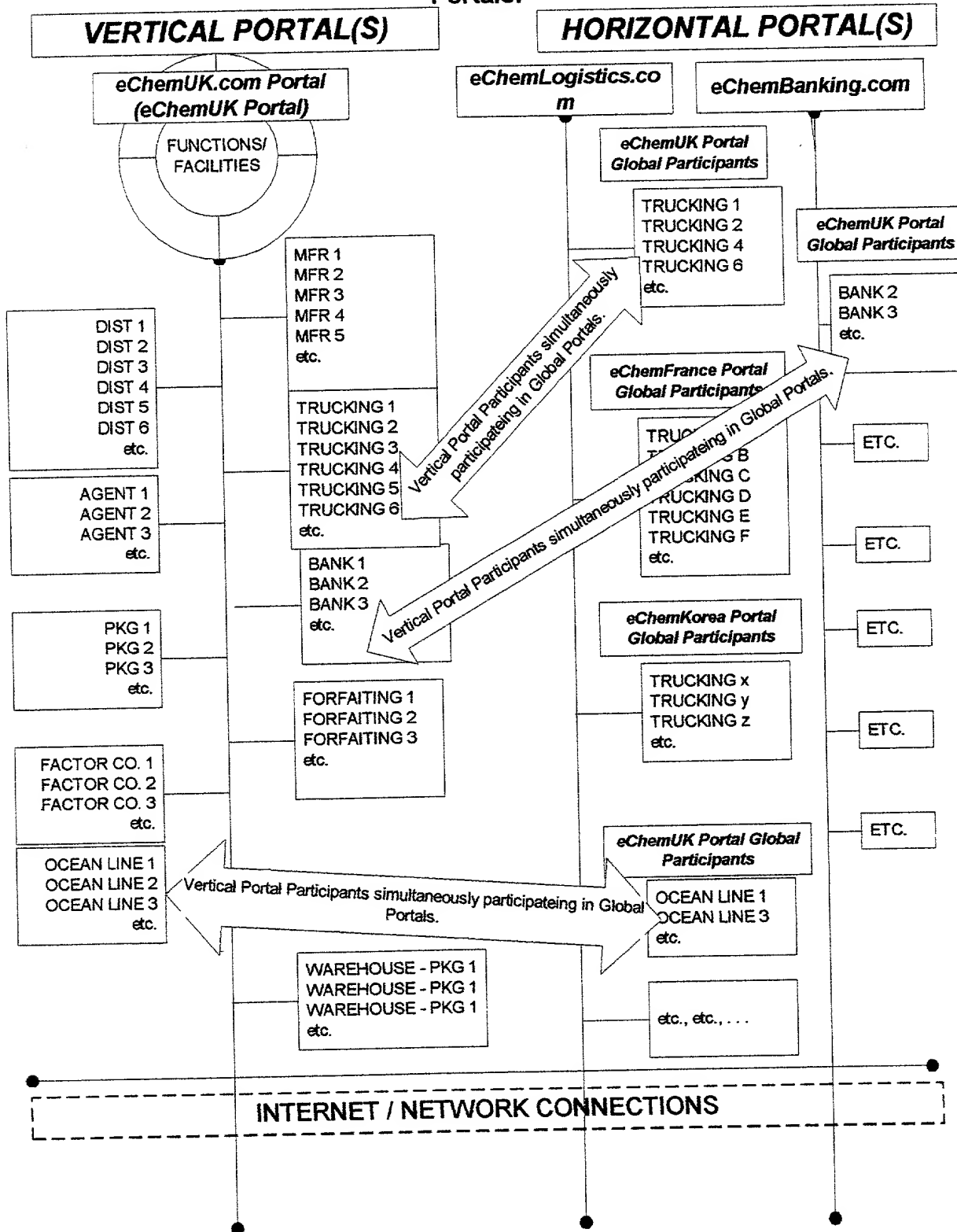
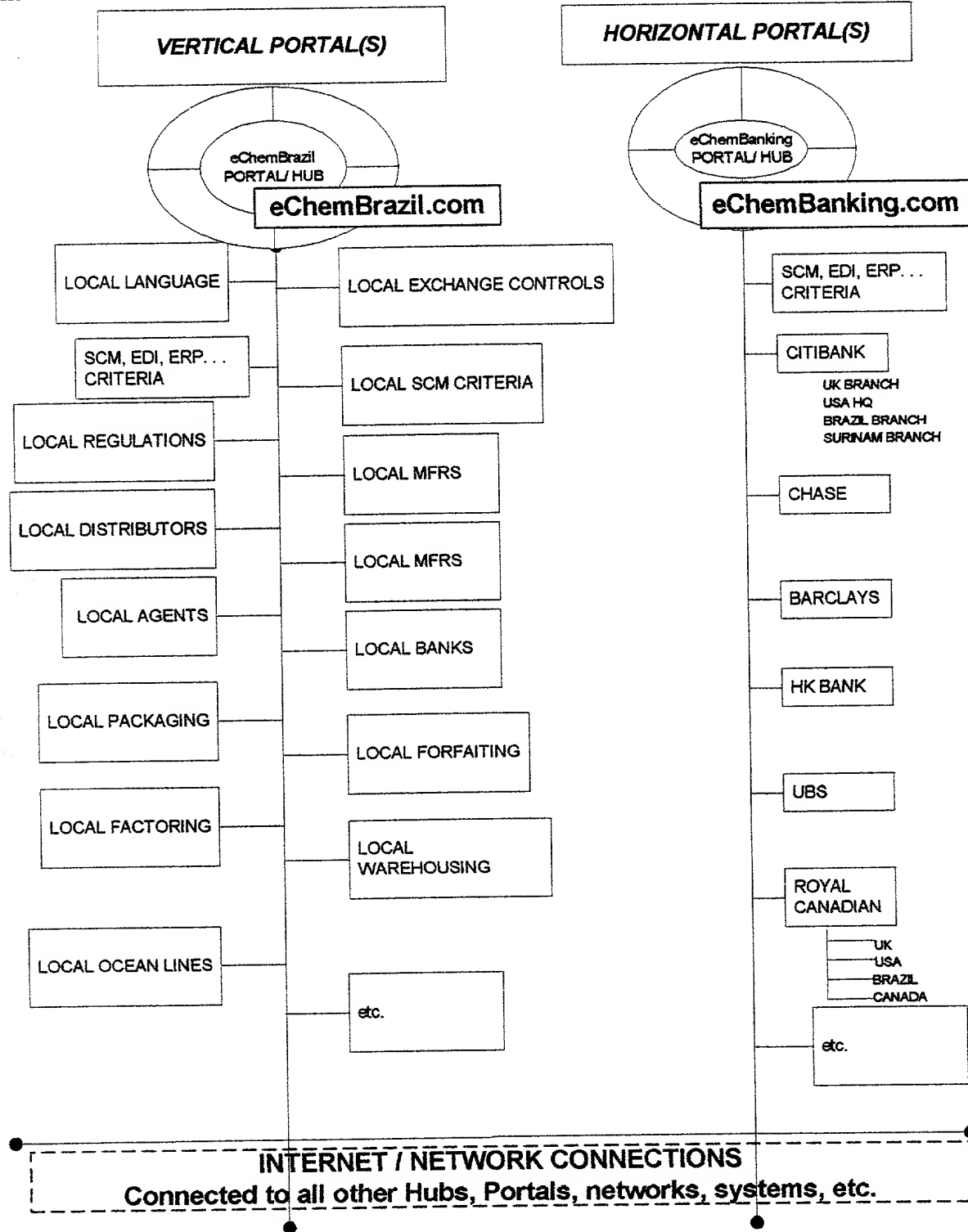


FIGURE 5

Shows example of some, but not limited to, (generally) local content and entities as parts of Vertical Portals (VP's or "Vertical Access Portals" ©) and/or Horizontal Portals (HP's or "Horizontal Access Portals" ©)



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FIG 6

Indicates, how trade inquiry would be connected/ handled/processed/managed/acted upon among both, Vertical Portals or VP's® and Horizontal Portals or HP's®.

